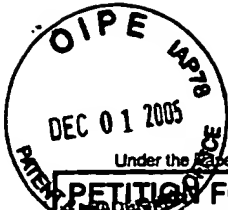


UNITED STATES PATENT & TRADEMARK OFFICE
Washington, D.C. 20231

| REQUEST FOR PATENT FEE REFUND | | | | | | | | | | | |
|---|-------------------------------------|---|--------------|----------|---|---|----|---|---|---|---|
| 1 Date of Request: <u>12/23/05</u> | | 2 Serial/Patent # <u>09/833,515</u> | | | | | | | | | |
| 3 Please refund the following fee(s): | | 4 PAPER NUMBER | 5 DATE FILED | 6 AMOUNT | | | | | | | |
| | Filing | | | \$ | | | | | | | |
| | Amendment | | | \$ | | | | | | | |
| | Extension of Time | | | \$ | | | | | | | |
| | Notice of Appeal/Appeal | | | \$ | | | | | | | |
| ✓ | Petition | | 12/1/05 | \$ 1500 | | | | | | | |
| ✓ | Issue | | 12/1/05 | \$ 1400 | | | | | | | |
| | Cert of Correction/Terminal Disc. | | | \$ | | | | | | | |
| | Maintenance | | | \$ | | | | | | | |
| | Assignment | | | \$ | | | | | | | |
| ✓ | Other (Publication) | | 12/1/05 | \$ 300 | | | | | | | |
| 7 TOTAL AMOUNT OF REFUND | | | \$ 3200 | | | | | | | | |
| 8 TO BE REFUNDED BY: | | | | | | | | | | | |
| 10 REASON: | | Treasury Check | | | | | | | | | |
| | Overpayment | Credit Deposit A/C #: | | | | | | | | | |
| ✓ | Duplicate Payment (pet, issue, pub) | 9 <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">5</td> <td style="width: 20px;">0</td> <td style="width: 20px;">--</td> <td style="width: 20px;">0</td> <td style="width: 20px;">7</td> <td style="width: 20px;">4</td> <td style="width: 20px;">9</td> </tr> </table> | | | 5 | 0 | -- | 0 | 7 | 4 | 9 |
| 5 | 0 | -- | 0 | 7 | 4 | 9 | | | | | |
| | No Fee Due (Explanation): | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 11 REFUND REQUESTED BY: | | | | | | | | | | | |
| TYPED/PRINTED NAME: <u>Denise Pothier</u> | | TITLE: <u>Pet. Ex.</u> | | | | | | | | | |
| SIGNATURE: <u><i>Denise Pothier</i></u> | | PHONE: <u>2-4787</u> | | | | | | | | | |
| OFFICE: <u>OIP</u> | | | | | | | | | | | |
| ***** THIS SPACE RESERVED FOR FINANCE USE ONLY: ***** | | | | | | | | | | | |
| APPROVED: <u><i>G. Kelly</i></u> | | DATE: <u>12/23/05</u> | | | | | | | | | |

Instructions for completion of this form appear on the back. After completion, attach white and yellow copies to the official file and mail or hand-carry to:



DAC
IPW

PTO/SB/64 (07-05)

Approved for use through 07/31/2008. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT
ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)**

Docket Number (Optional)
CR-1331

First named inventor: Sarah F. Frisken

Application No.: 09/833,515

Art Unit: 2128

Filed: April 12, 2001

Examiner: Fred O. Ferris III

Title: Method and System for Modeling Interaction of Objects

Attention: Office of Petitions
Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
FAX (571) 273-8300

NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1. Petition fee

- ☐ Small entity-fee \$ _____ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.
- ☒ Other than small entity - fee \$ 1,500.00 (37 CFR 1.17(m))

2. Reply and/or fee

- A. The reply and/or fee to the above-noted Office action in the form of payment of issue fee and publication fee (identify type of reply):

- ☐ has been filed previously on _____.
- ☒ is enclosed herewith.

- B. The issue fee and publication fee (if applicable) of \$ 1,700.00.

- ☐ has been paid previously on _____.
- ☒ is enclosed herewith.

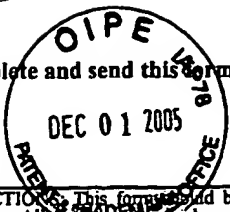
[Page 1 of 2]

This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Adjustment date: 12/27/2005 AKELM
12/02/2005 TBESHAH1 00000016 500749 09833515
01 FC:1453 1500.00 CR

12/02/2005 TBESHAH1 00000016 500749 09833515

01-FC:1453 1500.00=DA



PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Patent Department
Mitsubishi Electric Research Laboratories, Inc.
201 Broadway, 8th Floor
Cambridge, MA 02139

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

12/02/2005 TBESHAM2 00000006 500749 09833515
01 FC:1501 1400.00 DA
02 FC:1504 300.00 DA

Clifton D. Mueller (Depositor's name)
Clifton D. Mueller (Signature)
October 18, 2005 (Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/833,515 | 04/12/2001 | Sarah F. Frisken | CR-1331 | 2552 |

TITLE OF INVENTION:

Method and System for Modeling Interaction of Objects

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$1700 | 08/22/2005 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|---------------------|----------|----------------|
| Farris III, Fred O. | 2128 | 703-002000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Dirk Brinkman
2. Andrew J. Curtin
3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE
Mitsubishi Electric Research Laboratories, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)
Cambridge, MA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:
☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies

4b. Payment of Fee(s): deposit acct no.: 50-0749
☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0749 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)
☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Andrew J. Curtin Date October 18, 2005
Typed or printed name Andrew J. Curtin Registration No. 48,485

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

09833515
00000006
500749
09833515
01 FC:1501
02 FC:1504